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ISSUE FEE TRANSMITTAL LETTER

Applicant	:	Fermann et al.
App. No	:	10/627,069
Filed	:	July 25, 2003
For	:	POLARIZATION MAINTAINING DISPERSION CONTROLLED FIBER LASER SOURCE OF ULTRASHORT PULSES
Art Unit	:	2828
Class/Sub-Class	:	372-045013
Examiner	:	Delma R. Flores Ruiz

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

April 11, 2006

(Date)

Mark J. Gallagher Reg. No. 43,622

MAIL STOP ISSUE FEE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



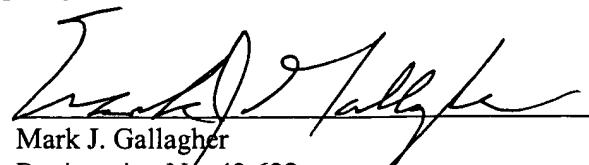
Dear Sir:

Enclosed for filing is the Issue Fee for the above-identified application:

- (X) Form PTOL-85.
- (X) Comments on Statement of Reasons for Allowance in 3 pages.
- (X) Interview Summary in 1 page.
- (X) Amendment After Allowance in 9 pages.
- (X) A check in the amount of \$1,730 is enclosed for the following fees:
 - (X) \$1,400 Issue Fee
 - (X) \$300 Publication Fee
 - (X) \$30 Advance Order of 10 Copies
- (X) Return prepaid postcard.

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The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.



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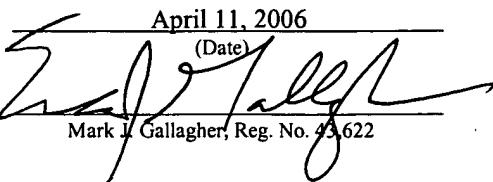
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Fermann, et al.
Appl. No. : 10/627,069
Filed : July 25, 2003
For : POLARIZATION MAINTAINING
DISPERSION CONTROLLED
FIBER LASER SOURCE OF
ULTRASHORT PULSES
Examiner : Delma R. Flores Ruiz
Group Art Unit : 2828

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April 11, 2006

(Date)
Mark J. Gallagher, Reg. No. 43,622

INTERVIEW SUMMARY

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

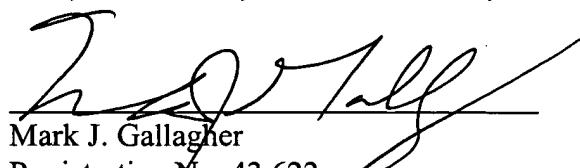
In a telephone interview on December 27, 2005, the Examiner proposed amending Claims 42 and 65 as set forth in the Notice of Allowability mailed January 18, 2006. The Examiner also proposed cancelling Claim 95 and amending Claim 97, line 1, by replacing "95" with "65." On January 4, 2006, Applicants left a voicemail message with the Examiner relating to the Examiner's proposed amendments. In a subsequent telephone interview on December 6, 2006, Applicants agreed to these amendments proposed by the Examiner as well as to cancelling Claim 95.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 4/11/06

By:


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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

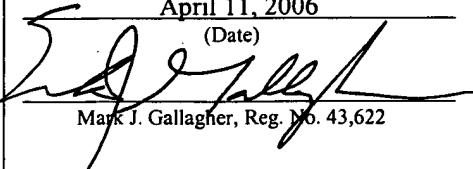
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April 11, 2006

(Date)


Mark J. Gallagher, Reg. No. 43,622

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants thank the Examiner for the allowance of the claims in this application.

In the Notice of Allowability mailed January 18, 2006 and in the Supplemental Notice of Allowability mailed March 16, 2006 (both referred to hereinafter as "Notice of Allowability"), the Examiner's statement of reasons for allowance states: "Claims 35, 42, 43, 49, 65, and 103 recites an apparatus and method of saturable absorber for passive modelocking of laser structure including the specific structure limitation of *film exhibit, multi-temporal relaxation*, which is neither anticipated or disclosed nor suggested in any piece of available prior art, which is neither anticipated nor obvious over the prior art of record." Notice of Allowability, p. 3 (emphasis in original).

Applicants respectfully disagree with the Examiner's statement of reasons for allowance to the extent there is any implication that patentability rests on a single limitation or a subset of the limitations of a claim, because it is the combination of limitations recited in each claim that makes the claims patentable. Applicants also respectfully disagree with the Examiner's statement of reasons for allowance to the extent that the language used by the Examiner differs

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from the language of the allowed claims or could be construed as defining any additional limitations not expressly set forth in the claims. The Examiner discussed together the reasons for allowance of Claims 35, 42, 43, 49, 65, and 103. Applicants note that Claims 35, 42, 43, 49, 65, and 103 are independent claims, and Applicants respectfully disagree with the Examiner's statement of reasons for allowance to the extent that there is any implication that the patentability of any of these claims is dependent on each other or that the claims are the same in scope.

In the Notice of Allowability, the Examiner also states: "Claims 48 and 108 recites an apparatus and method of saturable absorber mirror for passive modelocking of laser structure including the specific structure limitation of *high energy ion creating a first trap concentration at a first depth region and a second trap concentration at a second depth region such that said film exhibits saturable absorption governed by a fast time constant and a slow time constant*, which is neither anticipated or disclosed nor suggested in any piece of available prior art, which is neither anticipated nor obvious over the prior art of record." Notice of Allowability, p. 3 (emphasis in original).

Applicants respectfully disagree with the Examiner's statement of reasons for allowance to the extent there is any implication that patentability rests on a single limitation or a subset of the limitations of a claim, because it is the combination of limitations recited in each claim that makes the claims patentable. Applicants also respectfully disagree with the Examiner's statement of reasons for allowance to the extent that the language used by the Examiner differs from the language of the allowed claims or could be construed as defining any additional limitations not expressly set forth in the claims. The Examiner discussed together the reasons for allowance of Claims 48 and 108. Applicants note that Claims 48 and 108 are independent claims, and Applicants respectfully disagree with the Examiner's statement of reasons for allowance to the extent that there is any implication that the patentability of any of these claims is dependent on each other or that the claims are the same in scope.

Further, Applicants note that the Examiner made no reference to dependent Claims 36-41, 44-47, 66-102, 104-107, and 109-112, and Applicants respectfully disagree with the Examiner's statement of reasons for allowance to the extent there is any implication that patentability of the dependent claims rests on a single limitation or a subset of the limitations of a claim, because it is the combination of limitations recited in each claim that makes the claims patentable.

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In the Notice of Allowability, the Examiner also states: "The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Lin et al (5,436,925) discloses a by controlling the dosage and energy of ion implantation, the carrier lifetime can be reduce to the value required, but don't show or teach or disclose the film exhibits multi-temporal relaxation."

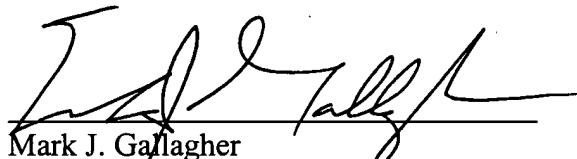
Applicants respectfully disagree with the Examiner's statement of reasons for allowance to the extent that the Examiner paraphrases the teachings of the Lin et al. reference and to the extent that there is any implication that patentability of any of the claims of the above-captioned application rests on a single limitation or a subset of the limitations of a claim that are not shown, taught, or disclosed by the Lin et al. reference, because it is the combination of limitations recited in each claim that makes the claims patentable

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7/11/06

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